



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/896,895	06/29/2001	Tao Zhang	S01.12-0787/STL 10017

CONFIRMATION NO. 1539

FORMALITIES LETTER



OC000000006450878

Alan G. Rego
Westman, Champlin & Kelly
International Centre, Suite 1600
900 Second Avenue South
Minneapolis, MN 55402-3319

Date Mailed: 08/20/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 355 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$54.
 - \$54 for 6 total claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 474.

*A copy of this notice **MUST** be returned with the reply.*

09/26/2001 MBERNE 00000037 09896895

01 FC:101

02 FC:105

03 FC:103

710.00 OP

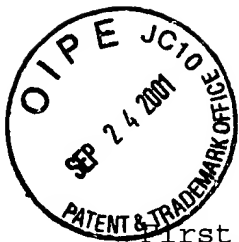
130.00 OP

108.00 OP

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Tao Zhang et al.

Batch No:

Appln. No.: 09/896,895

Allowed:

Filed : June 29, 2001

Group Art Unit: 2651

For : REAL-TIME AUTOMATIC LOOP-
SHAPING FOR A DISC DRIVE
SERVO CONTROL SYSTEM

Examiner:

Docket No.: S01.12-0787

LETTER TO OFFICIAL DRAFTSPERSON

Box Issue Fee
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

19th DAY OF September, 20 01.

Al Rego
PATENT ATTORNEY

Sir:

Enclosed are **eleven** (11) sheets of formal drawings for
filing in the above-identified application.

Respectfully submitted,

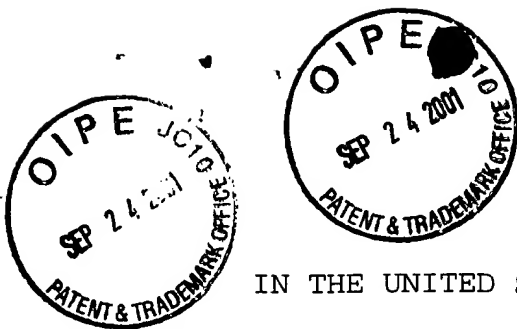
WESTMAN, CHAMPLIN & KELLY, P.A.

By:

Al Rego
Alan G. Rego, Reg. No. 45,956
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

AGR:tas

Obtained
AFT



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Tao Zhang et al.

Appln. No.: 09/896,895

Filed : June 29, 2001

For : REAL-TIME AUTOMATIC LOOP-
SHAPING FOR A DISC DRIVE SERVO
CONTROL SYSTEM

Docket No.: S01.12-0787

Group Art Unit:2651

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED
UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)**

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

19th DAY OF September, 2001.

Akego
PATENT ATTORNEY

Sir:

In response to the Notice to File Missing Parts of
Application - Filing Date Granted dated August 20, 2001, Applicant
encloses the following documents to complete the above-identified
patent application filed June 29, 2001:

1. Our check in the amount of \$948 (to cover the filing
fee \$818 and surcharge fee of \$130).
2. Declaration executed by the inventor(s).
3. Fee Calculation Sheet (duplicate).
4. Notice to File Missing Parts of Application-Filing Date
Granted.
5. Power of Attorney with copy of Assignment

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.

Respectfully submitted,
WESTMAN, CHAMPLIN & KELLY, P.A.

By: _____

A. Rego

Alan G. Rego, Reg. No. 45,956
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

AGR:tas

FEE TRANSMITTAL



Complete if Known

Application No.	09/896,895
Filing Date	June 29, 2001
First Named Inventor	Tao Zhang et al.
Title	REAL-TIME AUTOMATIC LOOP-SHAPING FOR A DISC DRIVE SERVO CONTROL SYSTEM
Group Art Unit	2651
Examiner Name	
Atty. Docket Number	S01.12-0787

Total Amount of Payment \$ 948

METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123.
Westman, Champlin & Kelly, P.A.

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Code	Fee Description
101	710	201	355 <input checked="" type="checkbox"/> Utility Filing Fee
106	320	206	160 <input type="checkbox"/> Design Filing Fee
108	710	208	355 <input type="checkbox"/> Reissue Filing Fee
114	150	214	75 <input type="checkbox"/> Prov. Filing Fee

Subtotal (1) \$ 710

2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	26	20	6	18	108
Indep.	3	3	0	80	0

Multiple Dependent Claims

** Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity Fee	Small Entity Fee	Code	Fee Description
103	18	203	9 Claims in excess of 20
102	80	202	40 Independent claims in excess of 3
104	270	204	135 Multiple Dependent Claims
109	80	209	40 Reissue Independent Claims over Original Patent
110	18	210	9 Reissue claims in excess of 20 and over original patent

Subtotal (2) \$ 108

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Code	Fee Description	Fee Paid
105	130	205	65 Surcharge - Late filing fee or oath	130
127	50	227	25 Surcharge - Late provisional Filing Fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For Filing a Request for Reexamination	
115	110	215	55 Extension for reply within first month	
116	390	216	195 Extension for reply within second month	
117	890	217	445 Extension for reply within third month	
118	1,390	218	695 Extension for reply within fourth month	
128	1,890	280	945 Extension for reply within fifth month	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
148	110	248	55 Terminal Disclaimer Fee	
140	110	240	55 Petition to Revive - unavoidable	
141	1,240	241	620 Petition to Revive - unintentional	
142	1,270	242	650 Utility/Reissue issue fee (inc. advance copies)	
143	470	243	250 Design issue fee (inc. advance copies)	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Petitions related to provisional applications	
126	180	126	180 Submission of Information Disclosure Statement	
581	40	581	40 Recording each patent assignment per property (times number of properties)	

Other Fee (specify) _____

Subtotal (3) \$130

Signature Alan G. Rego
(Alan G. Rego)

Reg. No. 45,956

Date 9/19/01

Deposit Account No. 23-1123